



UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
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SC19 1392,403 07/15/97 MURPHY

B 17634-0000514

023270925

CHARGED AND PAID IN FULL
TWO EMINENT ATTORNEYS ENTERED
214 FLOOR
SAN FRANCISCO CA 94111

NOT ADOPTED

X9
DATE MAILED:

1815

09/25/97

NOTICE TO FILE MISSING PARTS OF APPLICATION
Filing Date Granted

An Application Number and Filing Date have been assigned to this application. However, the items indicated below are missing. The required items and fees identified below must be timely submitted ALONG WITH THE PAYMENT OF A SURCHARGE for items 1 and 3-6 only of \$ 130.00 for a large entity small entity in compliance with 37 CFR 1.27. The surcharge is set forth in 37 CFR 1.16(e). Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay any fees required above to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

If all required items on this form are filed within the period set above, the total amount owed by applicant as a large entity small entity (verified statement filed), is \$ 2794.00.

1. The statutory basic filing fee is:

- missing.
 insufficient.

Applicant must submit \$ 790.00 to complete the basic filing fee and/or file a verified small entity statement claiming such status (37 CFR 1.27).

2. Additional claim fees of \$ 1874.00, including any multiple dependent claim fees, are required.
Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

3. The oath or declaration:

- is missing.
 does not cover the newly submitted items.
 does not identify the application to which it applies.
 does not include the city and state or foreign country of applicant's residence.

An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

4. The signature(s) to the oath or declaration is/are:

- missing.
 by a person other than inventor or person qualified under 37 CFR 1.42, 1.43, or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

6. A \$ _____ processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

7. Your filing receipt was mailed in error because your check was returned without payment.

8. The application does not comply with the Sequence Rules.

See attached "Notice to Comply with Sequence Rules 37 CFR 1.821-1.825."

9. OTHER:

Direct the response and any questions about this notice to "Attention: Box Missing Parts."

A copy of this notice MUST be returned with the response.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

10/17/1997 J TIPPETT 00000021 DAT#1201430
01 EC101 790.00 CH
02 EC102 246.00 CH
03 EC103 1012.00 CH
04 EC104 270.00 CH
05 EC105 130.00 CH
06 EC106 1496-404-498/40515
07 EC107 04 CH
08 EC108 04 CH
09 EC109 04 CH
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99 EC199 04 CH
100 EC200 04 CH

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I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Box Missing Parts, Washington, D. C. 20231 on October 2, 1997.

TOWNSEND and TOWNSEND and CREW LLP
By Kim M. Hoplen

PATENT
Attorney Docket No. 17634-000510

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
Brian R. Murphy et al.) Examiner: Not Assigned
Serial No. 08/892,403) Art Unit: 1815
Filed: July 15, 1997)
For: PRODUCTION OF ATTENUATED) RESPONSE TO NOTICE TO FILE
RESPIRATORY SYNCYTIAL) MISSING PARTS
VIRUS VACCINES FROM CLONED)
NUCLEOTIDE SEQUENCES)
)

Box Missing Parts
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Notice to File Missing Parts of Application dated September 25, 1997, enclosed herewith are the following to be made of record in the above-identified patent application:

- (1) Declaration and Power of Attorney
- (2) Copy of the Notice to File Missing Parts
- (3) Response to Request Under 37 CFR 1.821(e).

The Commissioner is hereby authorized to charge the following fees:

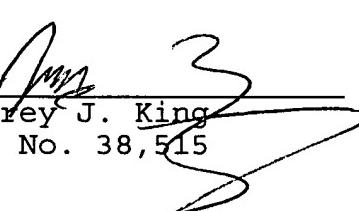


Missing Parts Surcharge.....	\$ 130
Basic Filing Fee.....	\$ 790
Total 66 - 20 = 46 x 22.....	1,012
Independent 6 - 3 = 3 x 82.....	246
Multiple Dependent Claim Fee.....	<u>270</u>
Total.....\$2,448	

and any additional fees under 37 CFR §1.17 associated with this paper or during the pendency of this application, to Townsend and Townsend and Crew LLP Deposit Account No. 20-1430. Two copies of this sheet are enclosed for accounting purposes.

Respectfully submitted,

Dated: October 2, 1997

By: 
Jeffrey J. King
Reg. No. 38,515

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Fl.
San Francisco, CA 94111-3834
(206) 467-9600

JJK/kg

Enclosures:

- Postcard
- 2 copies of this response
- Declaration and Power of Attorney
- Copy of Notice to File Missing Parts
- Response to Request Under 37 CFR 1.821(e)

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PATENT APPLICATION
FILING ACKNOWLEDGMENT

EXPRESS MAIL NO.
EH314450780US

Mailing Date: July 15, 1997
File No.: 17634-000510 Attorney: SWP
Inventor(s): Brian R. Murphy et al.
Title: PRODUCTION OF ATTENUATED RESPIRATORY SYNCYTIAL VIRUS
VACCINES FROM CLONED NUCLEOTIDE SEQUENCES

Declaration Power of Attorney
 Combined Declaration & Power of Attorney
 Assignment Small Entity Decl.

64181 U.S. PTO
08/892403

No. Pages of Description: 186
No. Pages of Appendix Sequence 19
No. Pages of Claims: 8
No. Pages of Abstract: 1
No. Sheets of Drawings: 24
Microfiche Appendix: _____
Sequence Listing Diskette _____



07/15/97

Please stamp the date of receipt of the enclosed documents and return this card to addressee

TOWNSEND and TOWNSEND and CREW, LLP
Two Embarcadero Center, 8th Floor
San Francisco, CA 94111
(206) 467-9600

Atty. Docket No. 7634-000510

"Express Mail" Label No. EH314450780US

Date of Deposit July 15, 1997

OCT 06 1997
PATENT APPLICATION -- BOX SEQUENCE
COMMISSIONER OF PATENT AND TRADEMARKS
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the [] patent application,
[X] continuation-in-part patent application of USSN 60/047,634,
filed May 23, 1997, USSN 60/046,141, filed May 9, 1997,
and USSN 60/021,773, filed July 15, 1996

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D. C. 20231

By _____

[Signature]
May 15 38,515

Inventors: Brian R. Murphy, Peter L. Collins, Stephen S. Whitehead, Alexander A. Bukreyev, Katalin Juhasz, and Michael N. Teng

For: PRODUCTION OF ATTENUATED RESPIRATORY SYNCYTIAL VIRUS VACCINES FROM CLONED NUCLEOTIDE SEQUENCES

Enclosed are:

- _____ sheet(s) of [] formal informal drawing(s).
 An assignment of the invention to _____.
 A [] signed unsigned Declaration & Power of Attorney.
 A [] signed unsigned Declaration.
 A Power of Attorney by Assignee with Certificate Under 37 C.F.R. Section 3.73(b).
 A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.
 A certified copy of a _____ application.

ASCII Computer Disk Sequence. Pursuant to 37 CFR 1.821(f) and (g), it is believed that the content of the paper sequence listing and the computer readable sequence listing are the same.

In view of the Unsigned Declaration as filed with this application and pursuant to 37 CFR §1.53(d),
Applicant requests deferral of the filing fee until submission of the Missing Parts of Application.

DO NOT CHARGE THE FILING FEE AT THIS TIME.

Respectfully submitted,

TOWNSEND and TOWNSEND and CREW, LLP

Steven W. Parmelee

Steven W. Parmelee
Reg. No.: 31,990
Attorneys for Applicant

2 copies of this sheet are enclosed.

Telephone:
(206) 467-9600
E:\17634\511\APP.TRN